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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/773,792

DATE: 07/21/2004
TIME: 09:28:59

Input Set : A:\28217-20029.00.TXT
Output Set: N:\CRF4\07212004\J773792.raw

4 <110> APPLICANT: DUBENSKY, Jr. Thomas W.
5 BROCKSTEDT, Dirk G.
6 COOK, David
8 <120> TITLE OF INVENTION: LISTERIA ATTENUATED FOR ENTRY INTO
9 NON-PHAGOCYTIC CELLS, VACCINES COMPRISING THE LISTERIA, AND
10 METHODS OF USE THEREOF
13 <130> FILE REFERENCE: 282172002900
15 <140> CURRENT APPLICATION NUMBER: US 10/773,792
16 <141> CURRENT FILING DATE: 2004-02-06
18 <150> PRIOR APPLICATION NUMBER: US 60/541,515
19 <151> PRIOR FILING DATE: 2004-02-02
21 <150> PRIOR APPLICATION NUMBER: US 60/511,869
22 <151> PRIOR FILING DATE: 2003-10-15
24 <150> PRIOR APPLICATION NUMBER: US 60/511,919
25 <151> PRIOR FILING DATE: 2003-10-15
27 <150> PRIOR APPLICATION NUMBER: US 60/511,719
28 <151> PRIOR FILING DATE: 2003-10-15
30 <150> PRIOR APPLICATION NUMBER: US 60/490,089
31 <151> PRIOR FILING DATE: 2003-07-24
33 <150> PRIOR APPLICATION NUMBER: US 60/449,153
34 <151> PRIOR FILING DATE: 2003-02-21
36 <160> NUMBER OF SEQ ID NOS: 23
38 <170> SOFTWARE: FastSEQ for Windows Version 4.0
40 <210> SEQ ID NO: 1
41 <211> LENGTH: 9
42 <212> TYPE: PRT
43 <213> ORGANISM: Homo Sapiens
45 <400> SEQUENCE: 1
46 Val Leu Gln Glu Leu Asn Val Thr Val
47 1 5
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 25
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: PCR Primer
58 <400> SEQUENCE: 2
59 gttaagttc atgtggacgg caaag 25
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 42
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:

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67 <223> OTHER INFORMATION: PCR Primer
69 <400> SEQUENCE: 3
70 aggtctttt cagttacta tccttcctt gattctagtt at 42
72 <210> SEQ ID NO: 4
73 <211> LENGTH: 43
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: PCR Primer
80 <400> SEQUENCE: 4
81 caaggagagg atagttact gaaaaagacc taaaaaagaa ggc 43
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 26
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: PCR Primer
91 <400> SEQUENCE: 5
92 tccccctgttc ctataattgt tagctc 26
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 25
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: PCR Primer
102 <400> SEQUENCE: 6
103 gtggacggca aagaaacaac caaag 25
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 29
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: PCR Primer
113 <400> SEQUENCE: 7
114 gttcctataa ttgttagctc attttttc 29
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 9
118 <212> TYPE: PRT
119 <213> ORGANISM: Mus Musculus
121 <400> SEQUENCE: 8
122 Ser Pro Ser Tyr Val Tyr His Gln Phe
123 1 5
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 9
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Altered Peptide
134 <400> SEQUENCE: 9

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135 Ser Pro Ser Tyr Ala Tyr His Gln Phe
 136 1 5
 139 <210> SEQ ID NO: 10
 140 <211> LENGTH: 29
 141 <212> TYPE: DNA
 142 <213> ORGANISM: Artificial Sequence
 144 <220> FEATURE:
 145 <223> OTHER INFORMATION: PCR Primer
 147 <400> SEQUENCE: 10
 148 ctctggtacc tcctttgatt agtataattc 29
 150 <210> SEQ ID NO: 11
 151 <211> LENGTH: 36
 152 <212> TYPE: DNA
 153 <213> ORGANISM: Artificial Sequence
 155 <220> FEATURE:
 156 <223> OTHER INFORMATION: PCR Primer
 158 <400> SEQUENCE: 11
 159 caatggatcc ctcgagatca taatttactt catccc 36
 161 <210> SEQ ID NO: 12
 162 <211> LENGTH: 32
 163 <212> TYPE: DNA
 164 <213> ORGANISM: Artificial Sequence
 166 <220> FEATURE:
 167 <223> OTHER INFORMATION: PCR Primer
 169 <400> SEQUENCE: 12
 170 atttctcgag tccatgggg gttctcatca tc 32
 172 <210> SEQ ID NO: 13
 173 <211> LENGTH: 25
 174 <212> TYPE: DNA
 175 <213> ORGANISM: Artificial Sequence
 177 <220> FEATURE:
 178 <223> OTHER INFORMATION: PCR Primer
 180 <400> SEQUENCE: 13
 181 ggtgctcgag tgccggccgca agctt 25
 183 <210> SEQ ID NO: 14
 184 <211> LENGTH: 37
 185 <212> TYPE: DNA
 186 <213> ORGANISM: Artificial Sequence
 188 <220> FEATURE:
 189 <223> OTHER INFORMATION: Synthetic Construct
 191 <400> SEQUENCE: 14
 192 cgattccct agttatgttt accaccaatt tgctgca 37
 194 <210> SEQ ID NO: 15
 195 <211> LENGTH: 31
 196 <212> TYPE: DNA
 197 <213> ORGANISM: Artificial Sequence
 199 <220> FEATURE:
 200 <223> OTHER INFORMATION: Synthetic Construct
 202 <400> SEQUENCE: 15

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203 gcaaattgggt ggttaaacata actaggggaa t          31
205 <210> SEQ ID NO: 16
206 <211> LENGTH: 27
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Synthetic Construct
213 <400> SEQUENCE: 16
214 agtccaagtt atgcataatca tcaattt          27
216 <210> SEQ ID NO: 17
217 <211> LENGTH: 33
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Synthetic Construct
224 <400> SEQUENCE: 17
225 cgatagtcga agttatgcat atcatcaatt tgc          33
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 34
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Synthetic Construct
235 <400> SEQUENCE: 18
236 gtcgcaaatt gatgatatgc ataacttggaa ctat          34
238 <210> SEQ ID NO: 19
239 <211> LENGTH: 9
240 <212> TYPE: PRT
241 <213> ORGANISM: Escherichia coli
243 <400> SEQUENCE: 19
244 Thr Pro His Pro Ala Arg Ile Gly Leu
245 1          5
248 <210> SEQ ID NO: 20
249 <211> LENGTH: 9
250 <212> TYPE: PRT
251 <213> ORGANISM: Listeria monocytogenes
253 <400> SEQUENCE: 20
254 Lys Tyr Gly Val Ser Val Gln Asp Ile
255 1          5
258 <210> SEQ ID NO: 21
259 <211> LENGTH: 8
260 <212> TYPE: PRT
261 <213> ORGANISM: Gallus gallus
263 <400> SEQUENCE: 21
264 Ser Ile Ile Asn Phe Glu Lys Leu
265 1          5
268 <210> SEQ ID NO: 22
269 <211> LENGTH: 12
270 <212> TYPE: PRT

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271 <213> ORGANISM: Listeria monocytogenes
273 <400> SEQUENCE: 22
274 Asn Glu Lys Tyr Ala Gln Ala Tyr Pro Asn Val Ser
275 1 5 10
278 <210> SEQ ID NO: 23
279 <211> LENGTH: 9
280 <212> TYPE: PRT
281 <213> ORGANISM: Listeria monocytogenes
283 <400> SEQUENCE: 23
284 Val Ala Tyr Gly Arg Gln Val Tyr Leu
285 1 5

VERIFICATION SUMMARY

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